

ABSTRACT OF THE DISCLOSURE

In a laser apparatus, a plurality of semiconductor laser elements respectively emit laser beams; a multimode optical fiber has a light-entrance end and a light-emission end; an optical condensing system
5 collects the laser beams emitted from the plurality of semiconductor laser elements, and couples the collected laser beams to the light-entrance end of the multimode optical fiber; and a protection member is arranged at
10 the light-emission end of the multimode optical fiber, protects the light-emission end from the atmosphere, and has a light-emission window located at at least a predetermined distance from the light-emission end.